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Commissioner for Patents  
P.O. Box 1450  
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On

January 20, 2006

TOWNSEND and TOWNSEND and CREW LLP

By:

Patricia Andrews

PATENT

Attorney Docket No.: 021031-000210US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Robert Martienssen

Application No.: 10/606,502

Filed: June 26, 2003

For: METHODS AND COMPOSITIONS  
FOR DETERMINING METHYLATION  
PROFILES

Customer No.: 20350

Confirmation No. 5208

Examiner: Teresa Strzelecka

Technology Center/Art Unit: 1637

AMENDMENT AND RESPONSE TO  
RESTRICTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 23, 2005, please enter the following amendments and remarks. An information disclosure statement (IDS) accompanies this amendment.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.